AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings of claims in the application:

LISTING OF CLAIMS:

1.(original) Method for controlling the forwarding quality in a data network comprising a measurement manager (104) comprising means for performing end-to-end measurements between nodes in said data network and a Network Resource Manager, NRM, (102) comprising means for obtaining information of the network topology, the method is **characterised in** that it comprises the steps of:

   - *transferring* (501) the obtained information of the network routing topology from the NRM to the measurement manager or transferring a result of the performed end-to-end measurements from a measurement manager to the NRM, and

   - *combining* (502) said end-to-end measurements and said obtained information of the network routing topology into a first information set in order to detect correlated and uncorrelated paths.

2.(original) Method according to claim 1, comprising the further step of:

   - *combining* said first information set with information on data flow presence at individual out-interfaces.

3.(currently amended) Method according to ~~any of claims 1-2~~ claim 1, comprising the further step of:

   - scheduling the transfer of the obtained information of the network routing topology over time or initiating the

3

transfer of the obtained information of the network
routing topology periodically.

4. (currently amended) Method according to ~~any of claims 1-2~~
<u>claim 1</u>, comprising the further step of:
   -scheduling the transfer of the result of the performed
   end-to-end measurements over time or initiating the
   transfer of the result of the performed end-to-end
   measurements periodically.

5. (currently amended) Method according to ~~any of claims 1-2~~
<u>claim 1</u>, comprising the further step of:
   -requesting the transfer of the obtained information of
   the network routing topology explicitly by a master
   manager such as a measurement manager.

6. (currently amended) Method according to ~~any of claims 1-2~~
<u>claim 1</u>, comprising the further step of:
   -requesting the transfer of the result of the performed
   end-to-end measurements explicitly by a master manager
   such as an NRM.

7. (currently amended) Method according to ~~any of claims 1-2~~
<u>claim 1</u>, comprising the further step of:
   -triggering the transfer of the obtained information of
   the network routing topology by specific events in a
   slave manager such as the NRM defined by a master manager
   such as the measurement manager.

8. (currently amended) Method according to ~~any of claims 1-2~~
<u>claim 1</u>, comprising the further step of:
   -triggering the transfer of the result of the performed
   end-to-end measurements by specific events in a slave

4

manager such as the measurement manager defined by a
master manager such as the NRM.

9.(currently amended) A computer program product directly
loadable into the internal memory of a computer within one
or more nodes in a data network, comprising the software
code portions for performing the steps of ~~any of claims 1-8~~
claim 1.

10.(currently amended) A computer program product stored on
a computer usable medium, comprising readable program for
causing a computer, within one or more nodes in a data
network to control an execution of the steps of ~~any of the~~
~~claims 1-8~~ claim 1.

11.(new) Method according to claim 2, comprising the further
step of:
   -scheduling the transfer of the obtained information of
   the network routing topology over time or initiating the
   transfer of the obtained information of the network
   routing topology periodically.

12.(new) Method according to claim 2, comprising the further
step of:
   -scheduling the transfer of the result of the performed
   end-to-end measurements over time or initiating the
   transfer of the result of the performed end-to-end
   measurements periodically.

13.(new) Method according to claim 2, comprising the further
step of:
   -requesting the transfer of the obtained information of
   the network routing topology explicitly by a master
   manager such as a measurement manager.

5

14.(new) Method according to claim 2, comprising the further
step of:
    -requesting the transfer of the result of the performed
    end-to-end measurements explicitly by a master manager
    such as an NRM.

15.(new) Method according to claim 2, comprising the further
step of:
    -triggering the transfer of the obtained information of
    the network routing topology by specific events in a
    slave manager such as the NRM defined by a master manager
    such as the measurement manager.

16.(new) Method according to claim 2, comprising the further
step of:
    -triggering the transfer of the result of the performed
    end-to-end measurements by specific events in a slave
    manager such as the measurement manager defined by a
    master manager such as the NRM.